

**Amendments to the Claims:**

The listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1- 11 (Canceled).

12. (Currently amended) ~~A~~ An intravascular guidewire adopted for inserting insertion  
into the vascular system of a patient body passageways during the course of a  
catheterization procedure ~~medical procedures~~, comprising: a titanium molybdenum alloy  
wire having approximately 78% titanium, 11.5% molybdenum, 6% zirconium and 4.5%  
tin by weight, the wire having a diameter in a range of from 0.005 inch and 0.040 inch  
over a predetermined length dimension thereof, said wire having a proximal end portion  
and a distal end portion where the distal end portion that is tapered to a lesser diameter  
than the diameter of the proximal end portion and that terminates in a rounded distal tip.

Claims 13-15 (Canceled).

16. (Previously presented) The guidewire as in claim 12 having,

the distal end portion with a helical coil attached, and where the coil touches a  
distal tip of the guidewire, the coil providing springiness proximate the distal tip  
inhibiting kinking of the coil.

17. (Previously presented) The guidewire as in claim 12 having,

a rounded distal tip member on the end of the distal end portion of the wire to prevent the distal end of the wire from penetrating tissue in the wall of a body lumen upon passage of the guidewire through the body lumen.

18. (Previously presented) The guidewire as in claim 12 wherein,

the wire has a lubricious polymer coating.

19. (Previously presented) The guidewire as in claim 12 wherein,

the wire has a hydrophilic coating.

20. (Currently amended) ~~A~~ An intravascular guidewire adapted for inserting insertion  
into body passageways the vascular system of a patient during medical procedures the  
course of a catheterization procedure comprising a titanium molybdenum alloy wire  
having approximately between about 75 % and about 83 % titanium, between about 8 %  
and about 14 % molybdenum, between about 4 % and about 8 % zirconium and between  
about 2 % and about 6 % tin by weight, the wire having a diameter in a range of from  
0.005 inch and 0.040 inch over a predetermined length dimension thereof, said wire  
having a proximal end portion and a distal end portion where the distal end portion is  
tapered to a lesser diameter than the diameter of the proximal end portion and terminates  
in a rounded distal tip.

Claims 21-23 (Canceled).

24. (Previously presented) The guidewire as in claim 20 having coil attached to a distal tip member such that the coil provides springiness at the distal tip portion to prevent kinking of the coil.

25. (Previously presented) The guidewire as in claim 20 having,  
a distal tip member on the distal end portion to prevent the distal end of the wire from penetrating tissue in the wall of said body passageway.

26. (Previously presented) The guidewire as in claim 20 wherein,  
the wire has a lubricious polymer coating thereon.

27. (Previously presented) The guidewire as in claim 20 wherein,  
the guidewire has a hydrophilic coating thereon.

Claims 28- 37 (Canceled).